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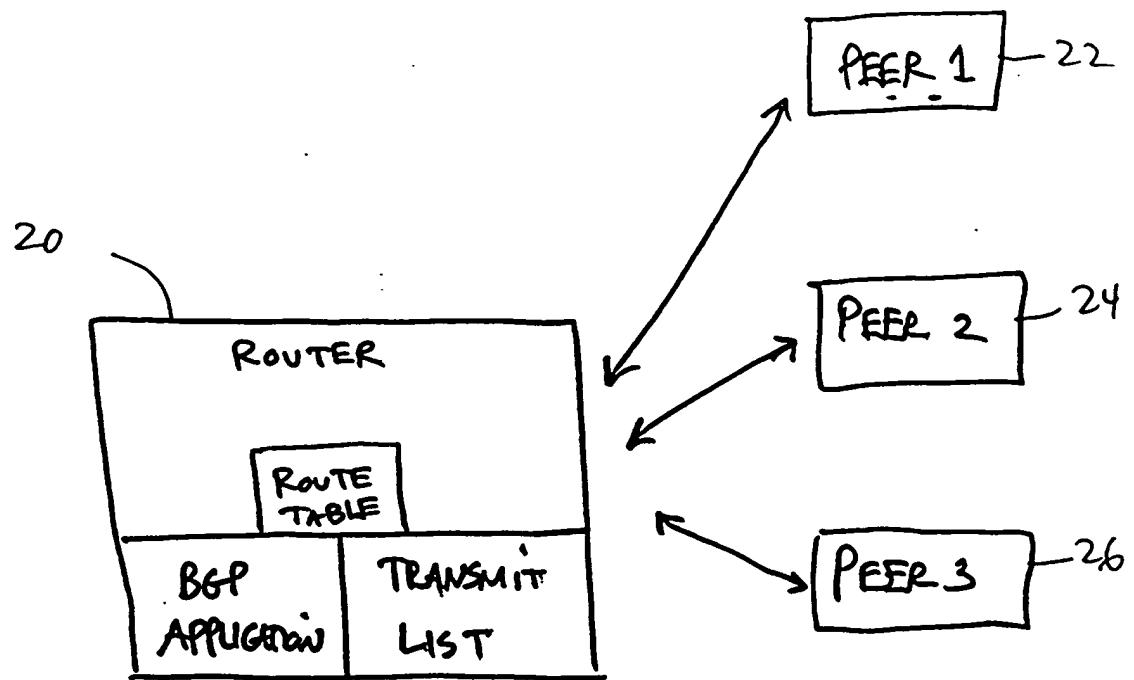


fig 1

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		ELEMENTS 30			
		ELEMENT I ₁	I ₂	I ₃	I ₄ ...
PEERS 32	PEER 1	1	0	0	1
	PEER 2	0	1	0	1
	PEER 3	1	0	0	1
.
.
.

1 = UPDATE NEEDED TO PEER

0 = NO UPDATE NEEDED

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Fig. 2

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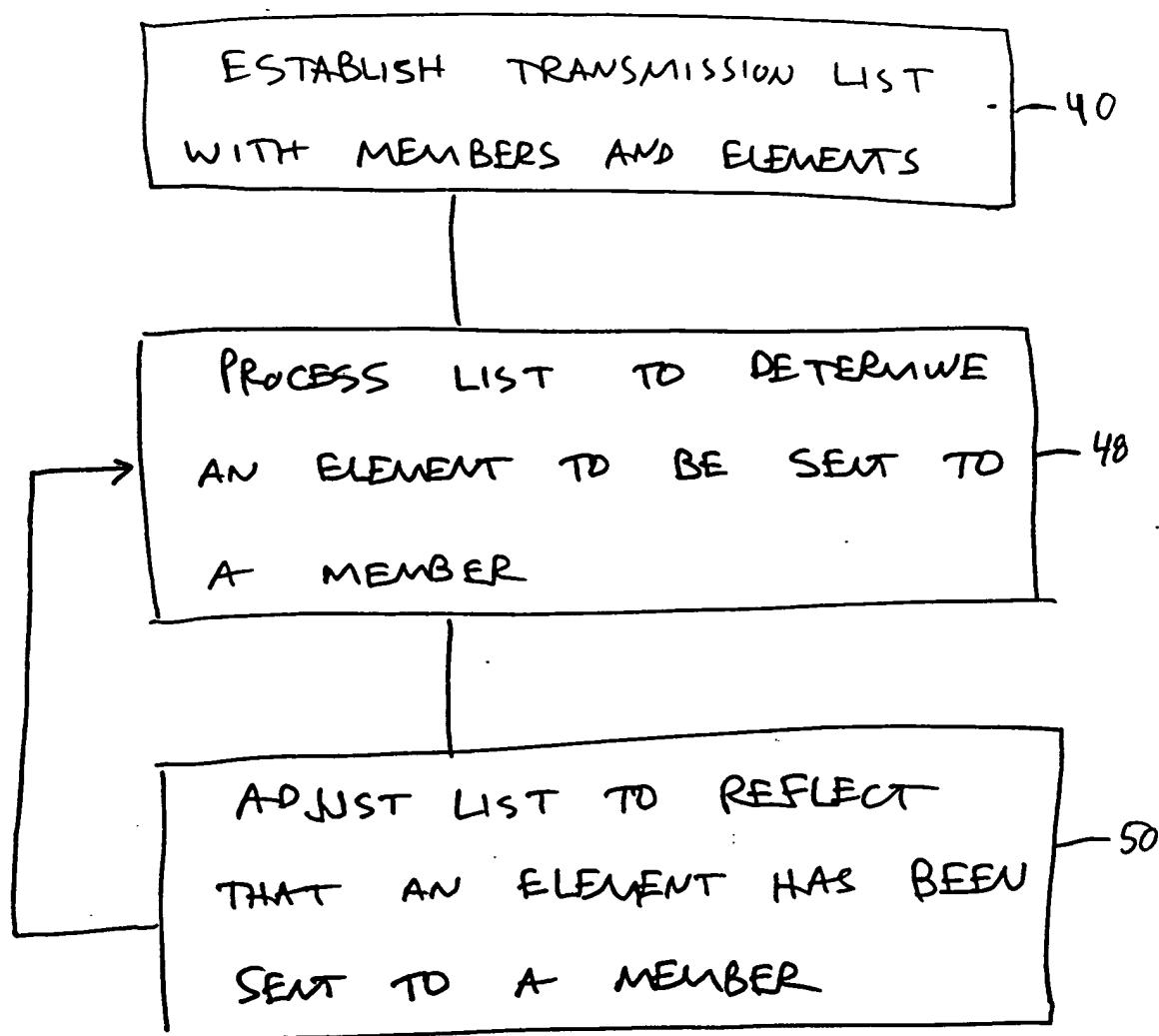


FIG. 3

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GLOBAL VERSION NUMBER = 4

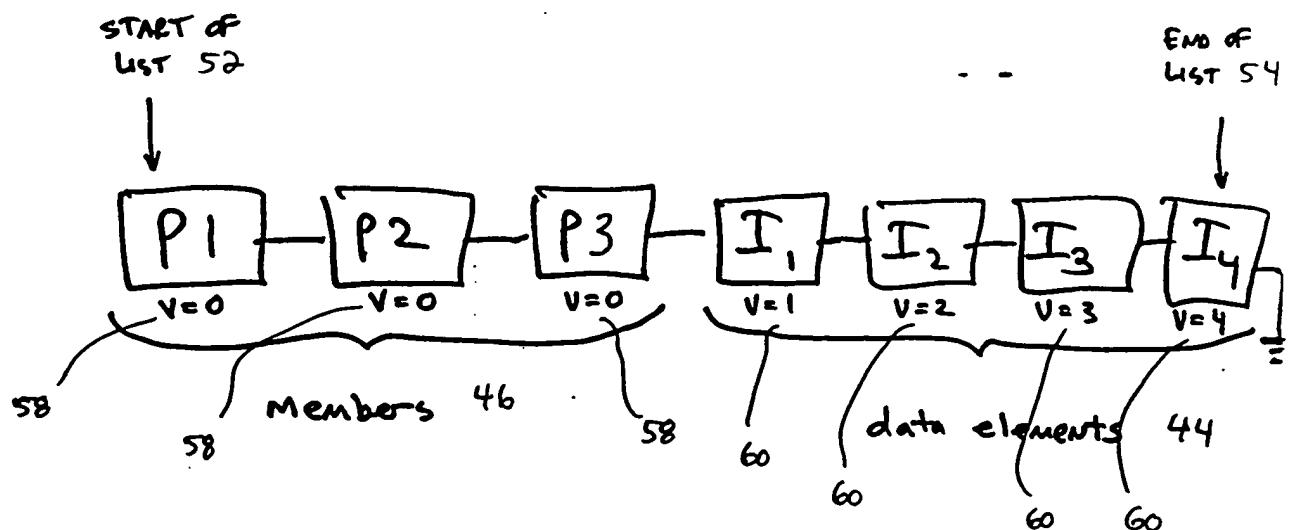


FIG. 4

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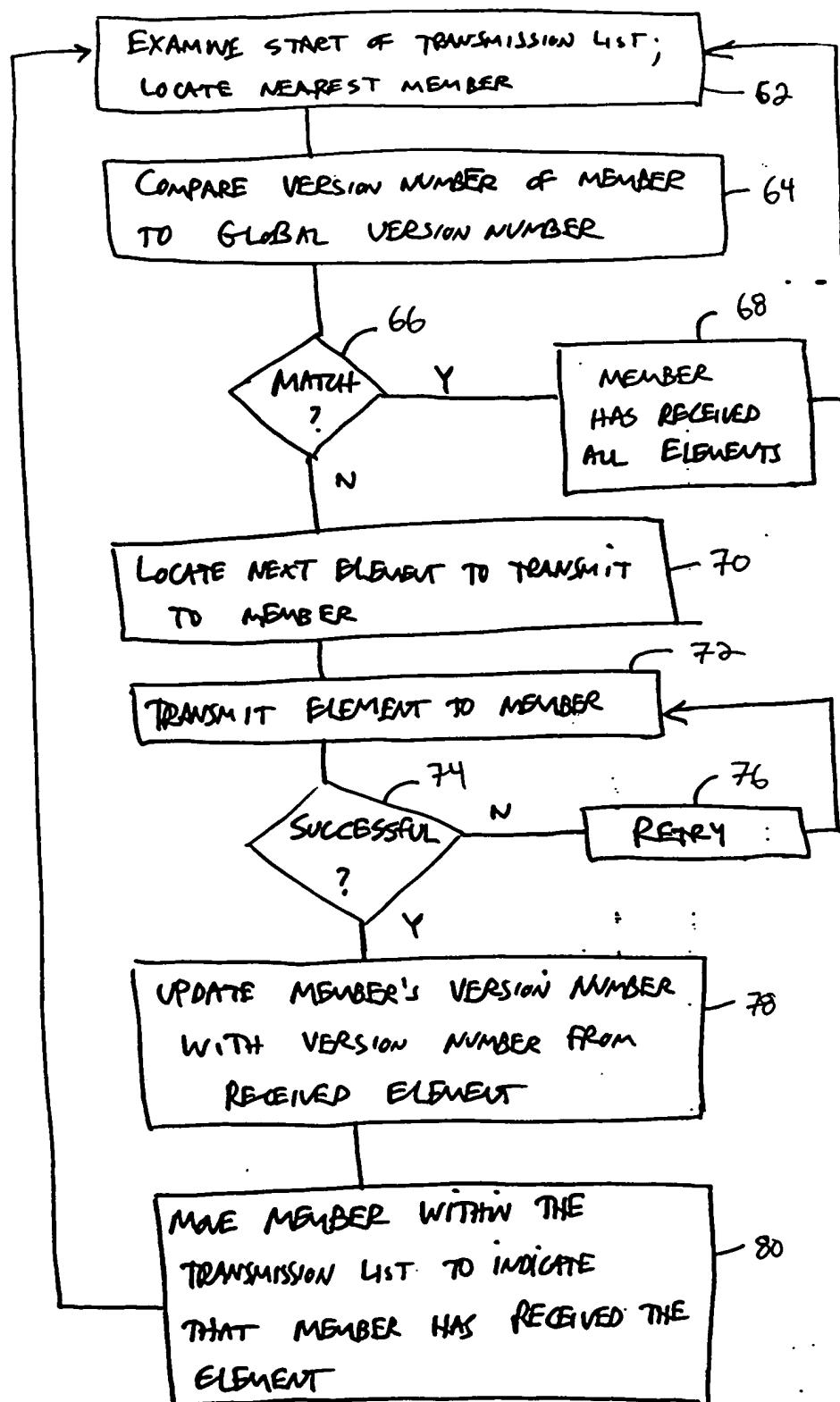


FIG. 5

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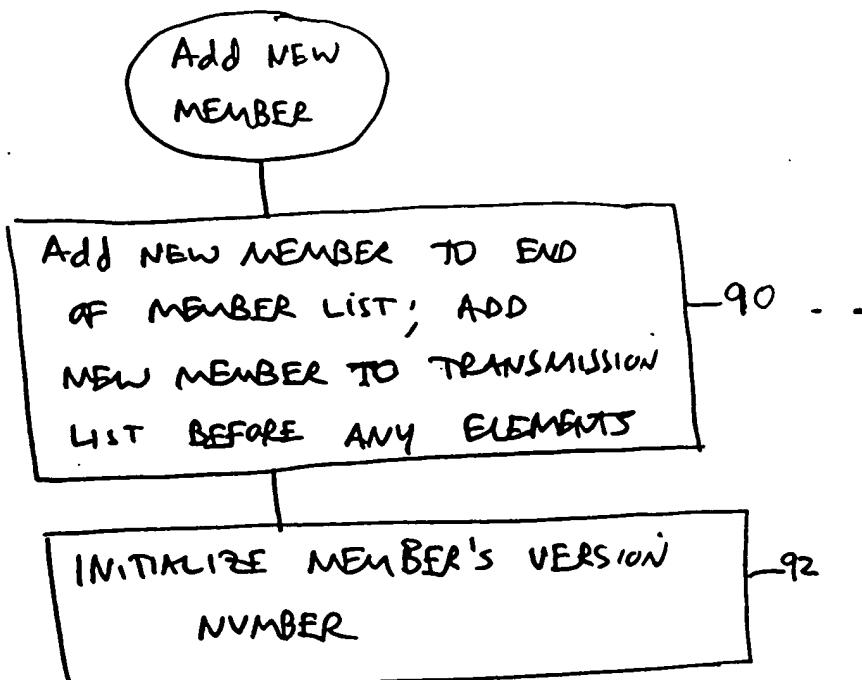


Fig. 6

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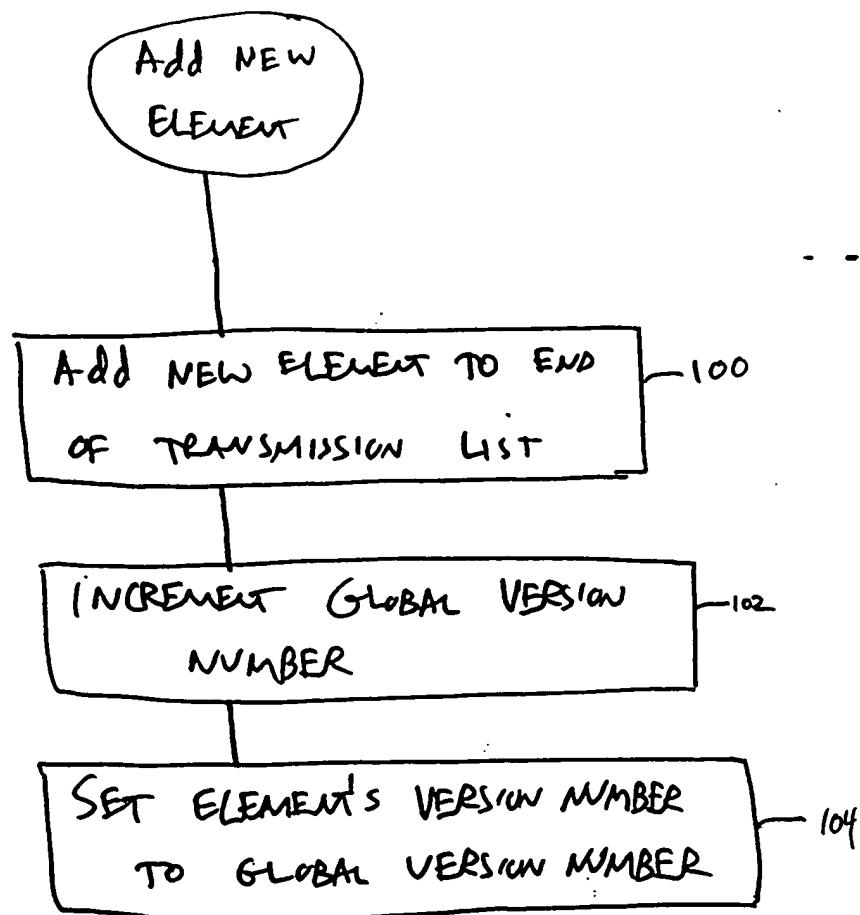


FIG. 7

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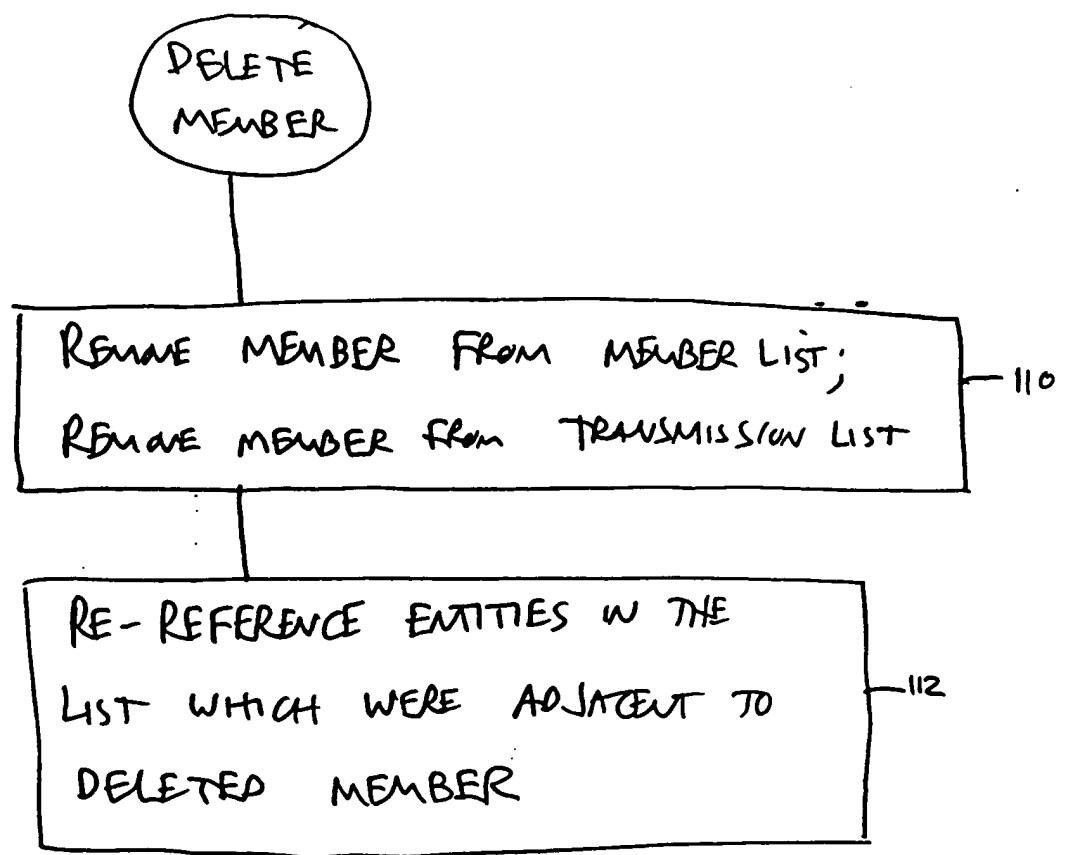


FIG. 8

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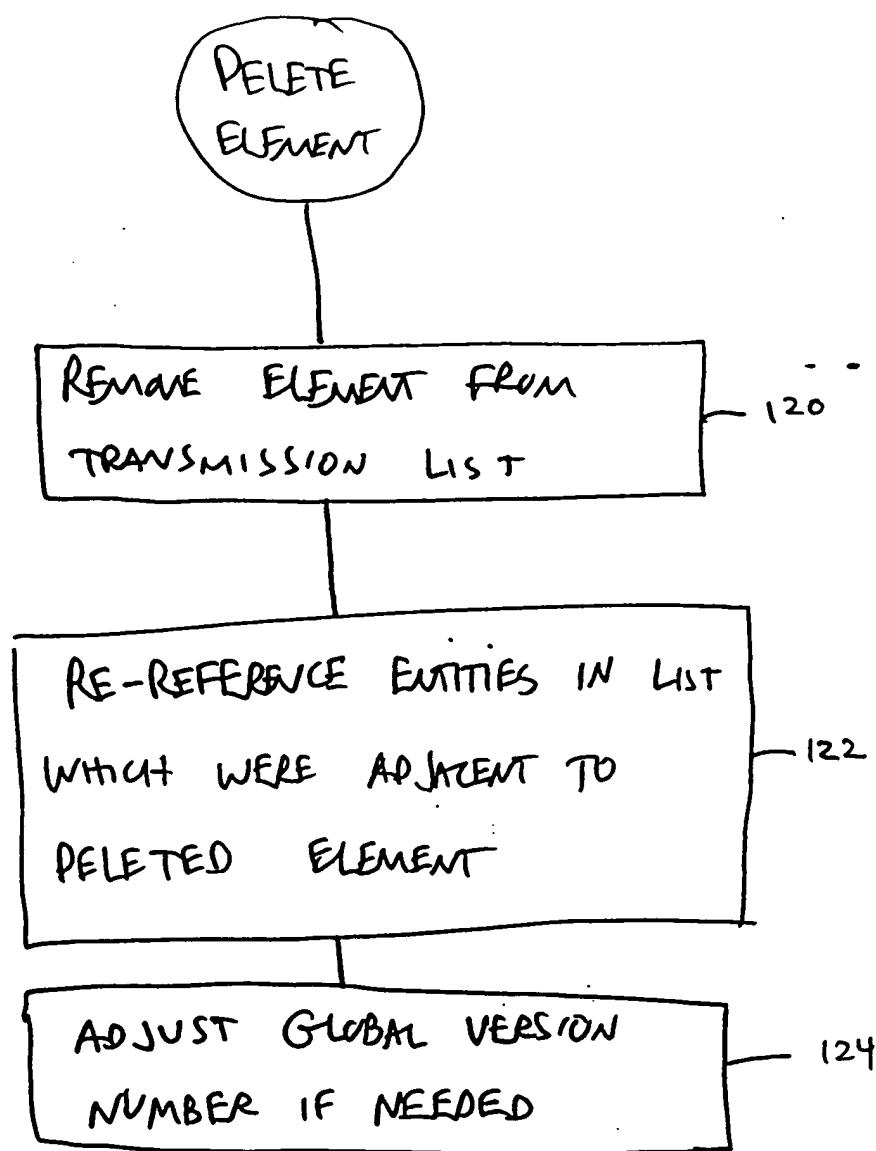


Fig. 9

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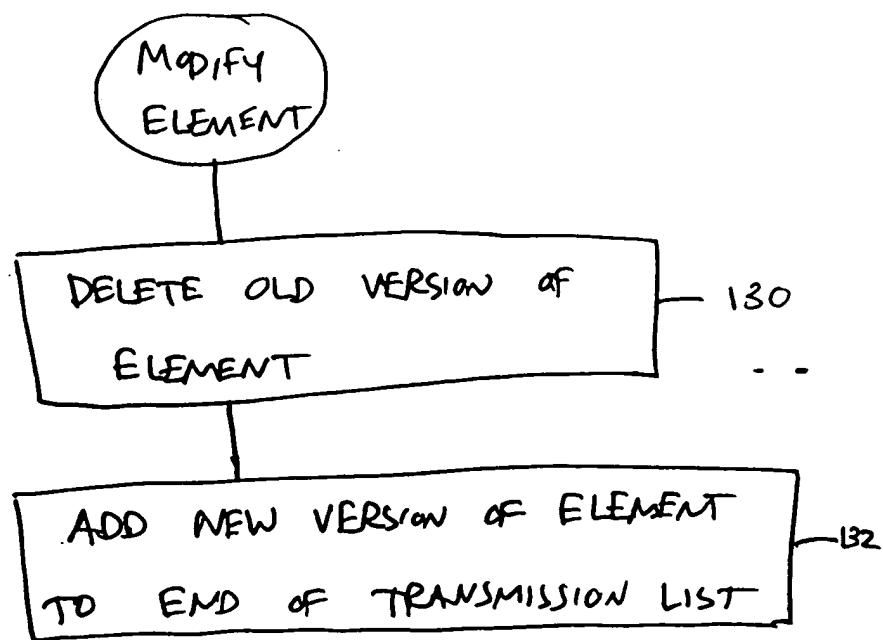


FIG. 10

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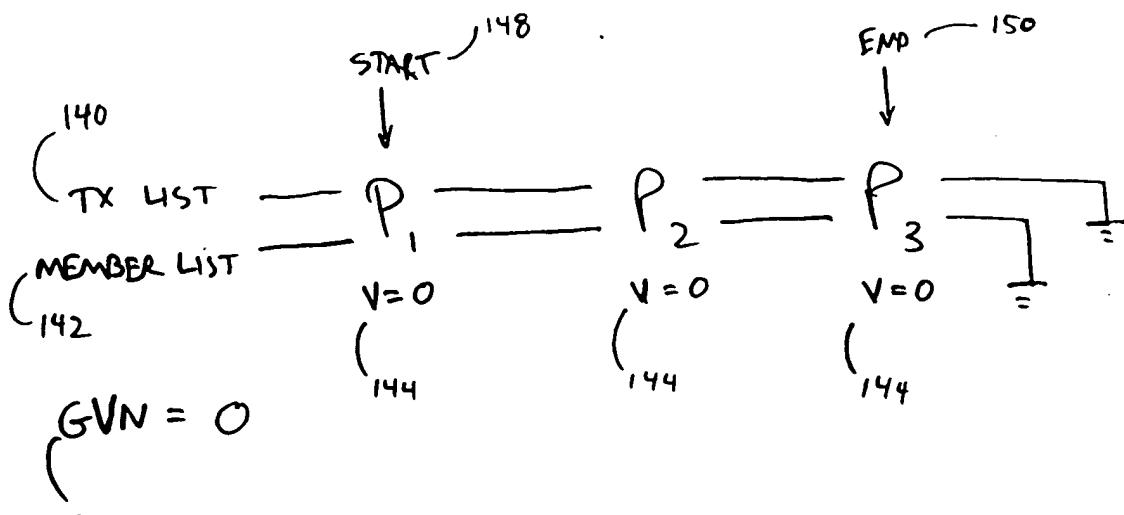


FIG. 11 A

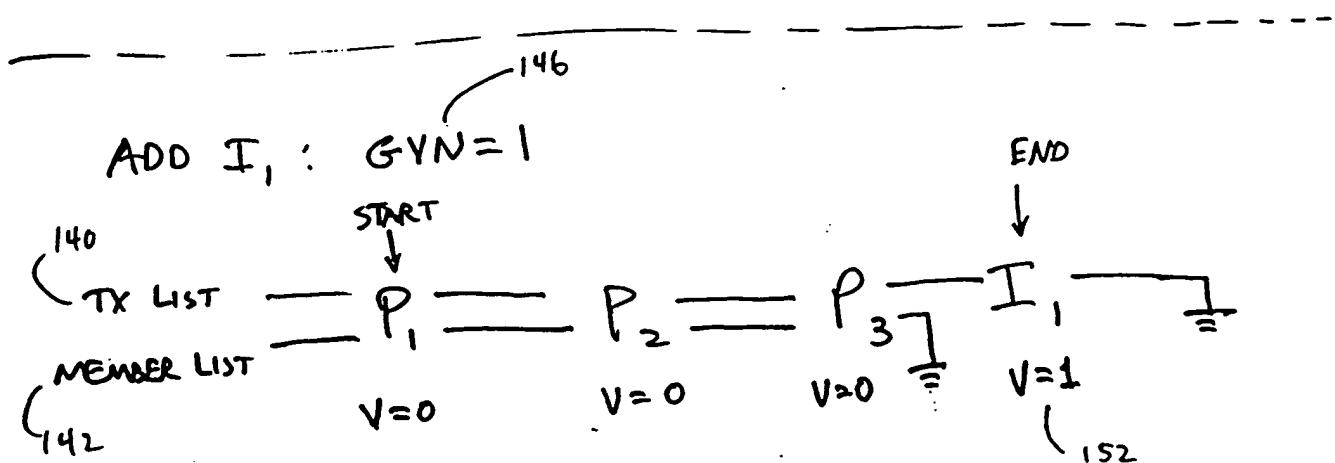


FIG. 11 B

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ADD I_2 : $GVN = 2$

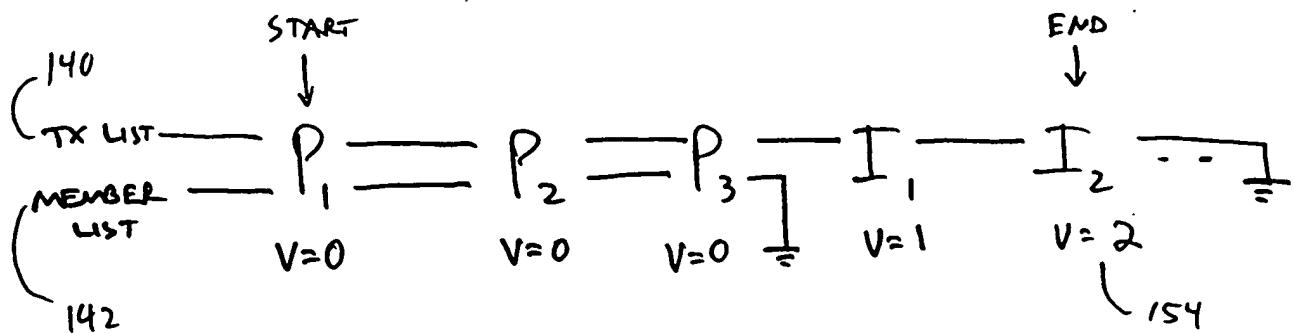


FIG. 11 C

ADD I_3 : $GVN = 3$

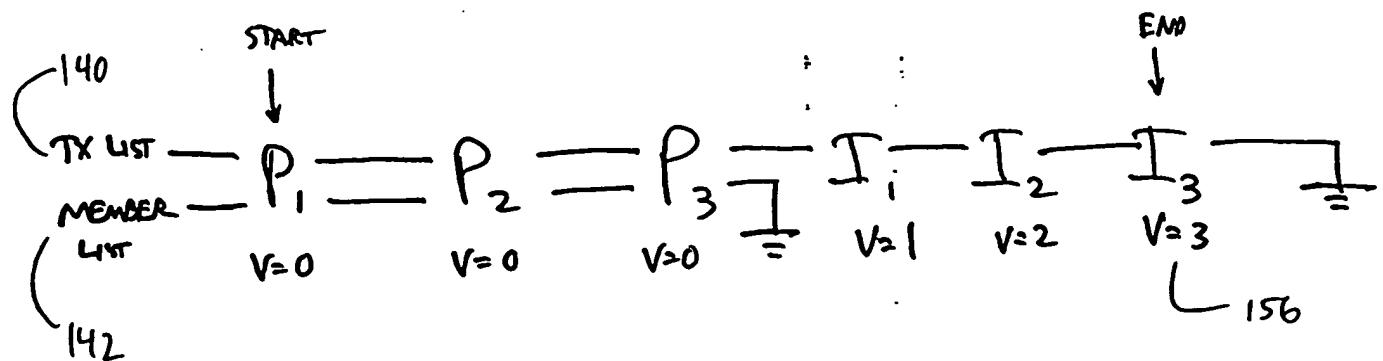


FIG. 11 D

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TRANSMIT (P_1, I_1) [SUCCESSFUL]

GVN = 3

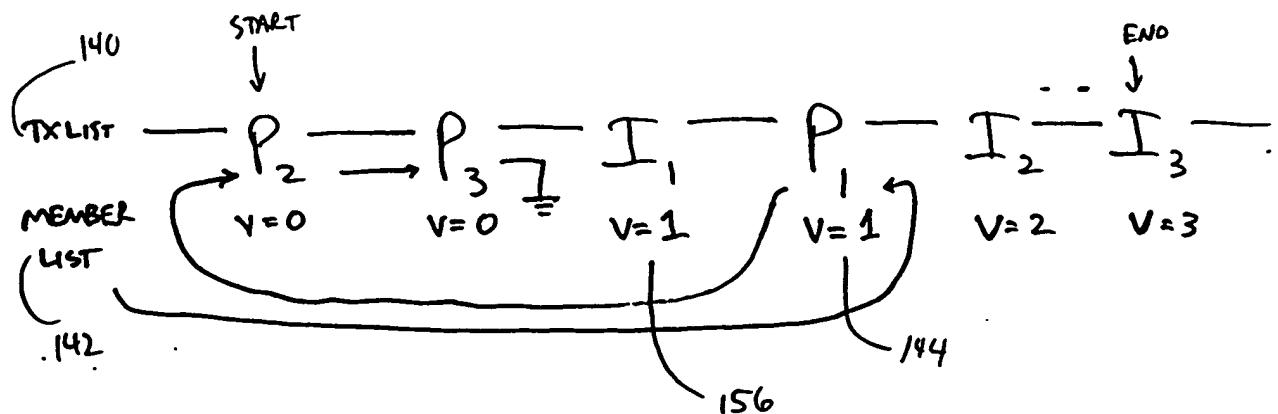


FIG. 11 E

TRANSMIT (P_2, I_1) [UNSUCCESSFUL]

GVN = 3

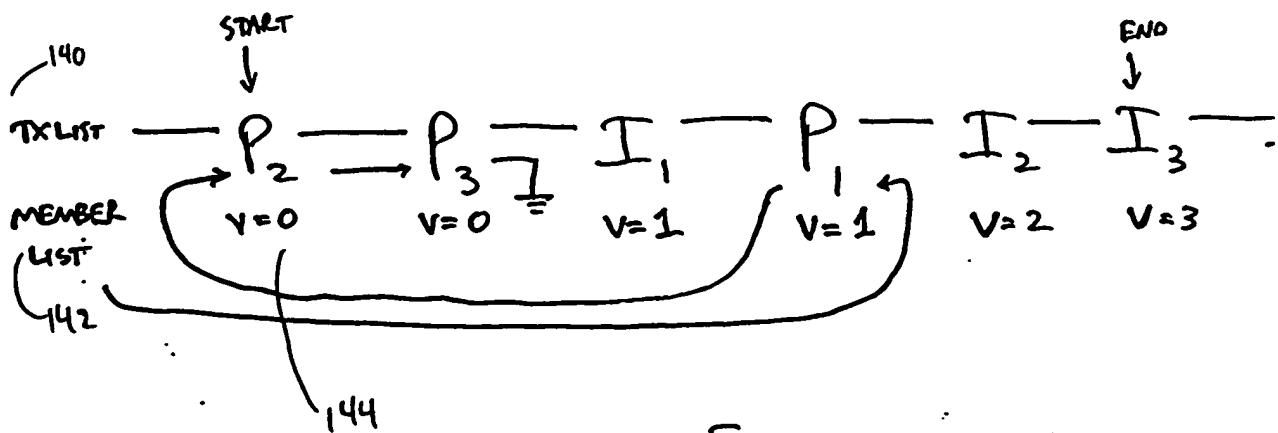


FIG. 11 F

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TRANSMIT (P_2, I_1) [SUCCESSFUL]

$$GVN = 3$$

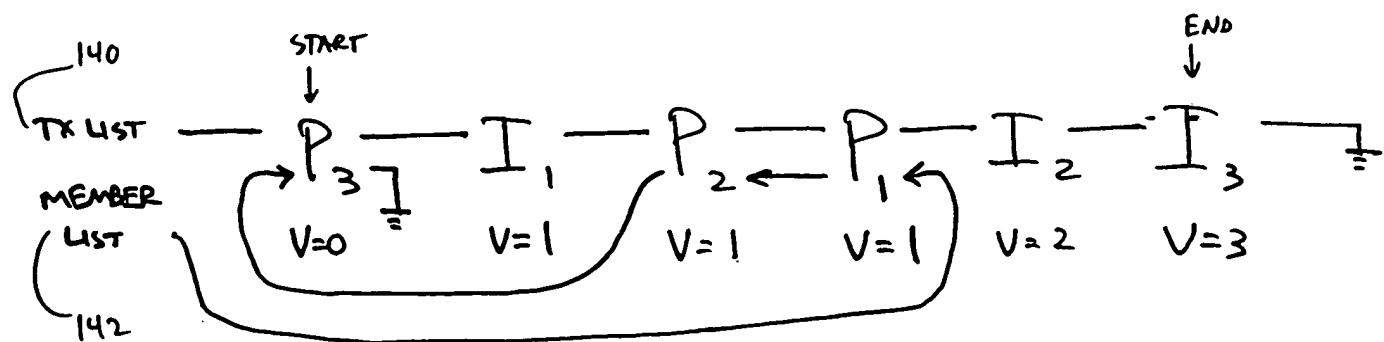


FIG. 11 G

TRANSMIT (P_3, I_1) [SUCCESSFUL]

$$GVN = 3$$

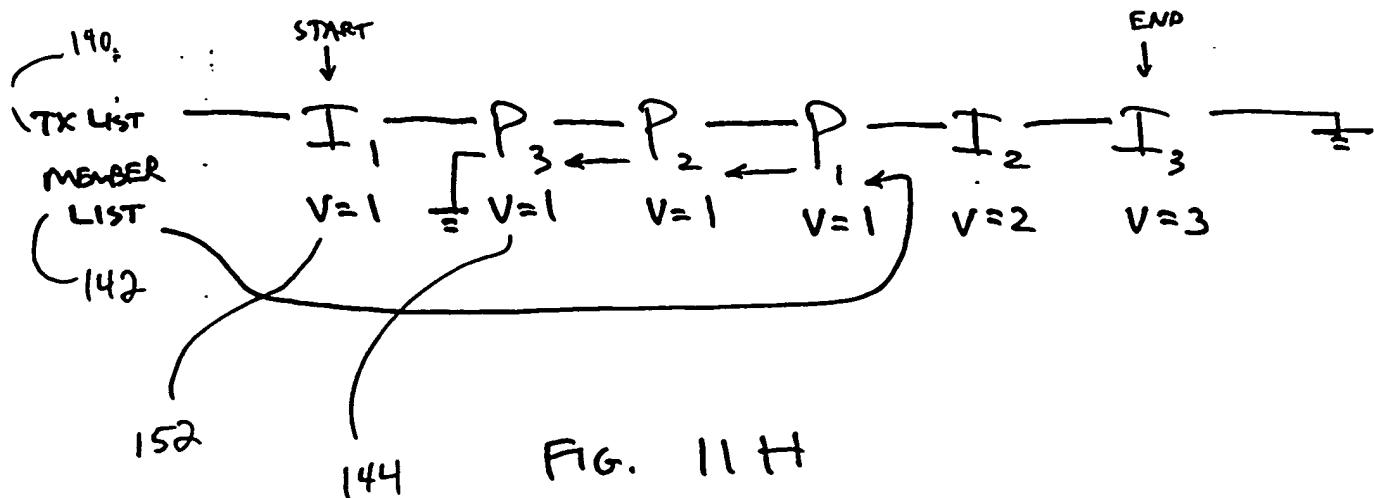


FIG. 11 H

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TRANSMIT (P_3, I_2) [SUCCESSFUL]

$$GVN = 3$$

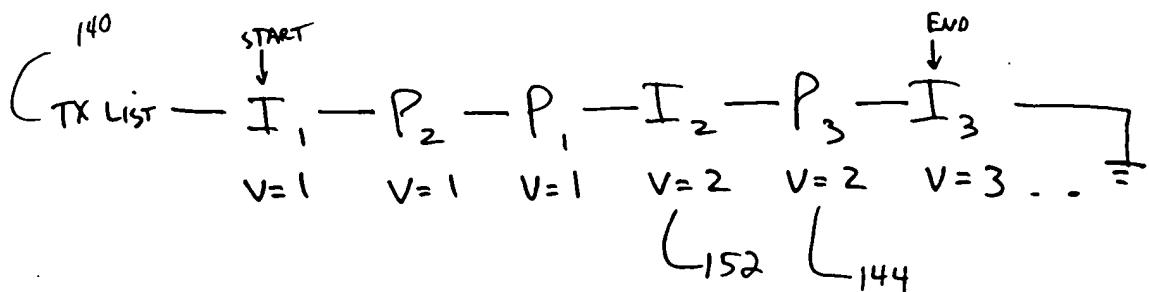


FIG. 11 I

TRANSMIT (P_2, I_2) [SUCCESSFUL]

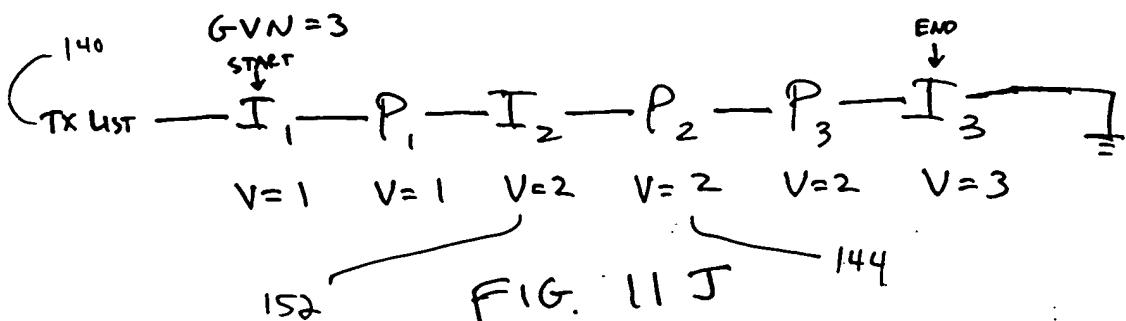


FIG. 11 J

TRANSMIT (P_1, I_2) [SUCCESSFUL]

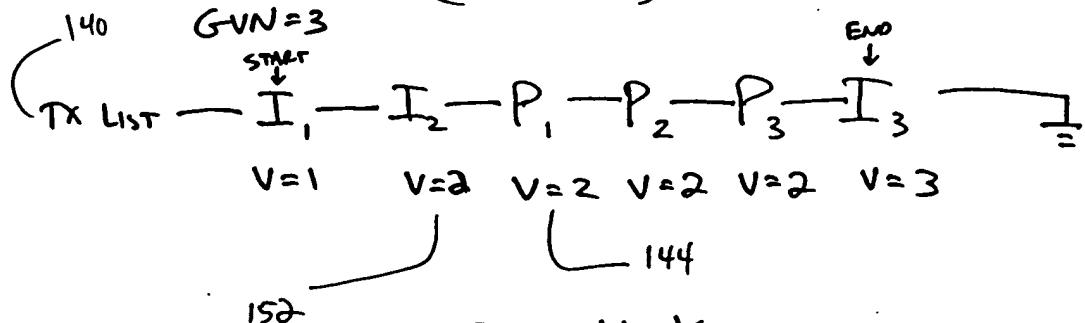


FIG. 11 K

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TRANSMIT (P_1, I_3) [SUCCESSFUL]
 $GVN = 3$

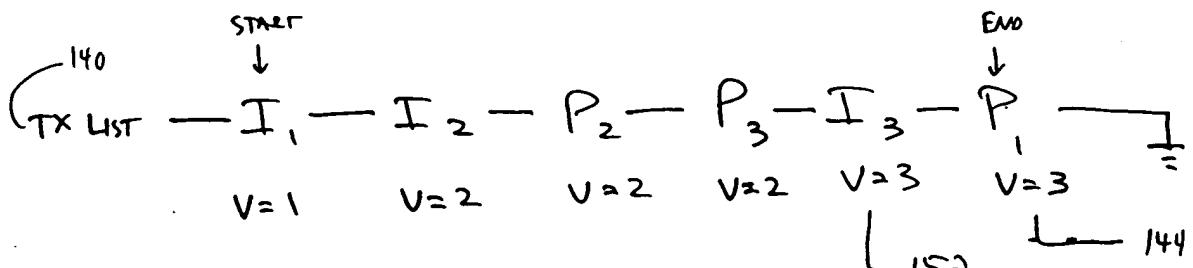


FIG. 11 L

TRANSMIT (P_2, I_3) [SUCCESSFUL]
 $GVN = 3$

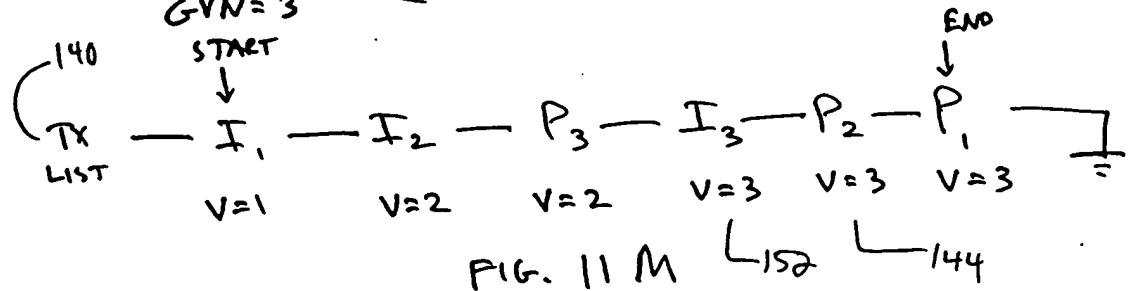


FIG. 11 M

TRANSMIT (P_3, I_3) [SUCCESSFUL]

$GVN = 3 \sim 146$

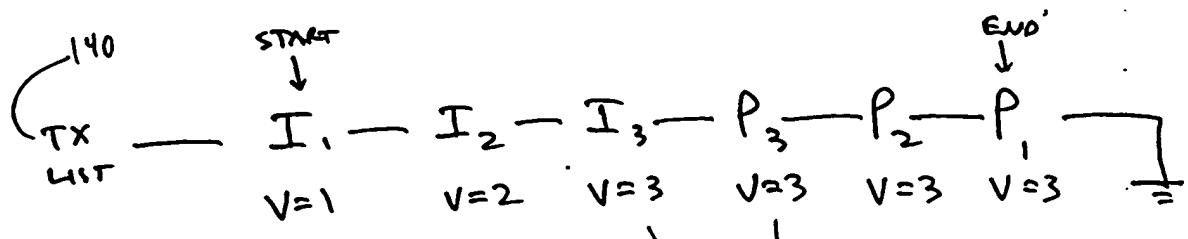


FIG. 11 N

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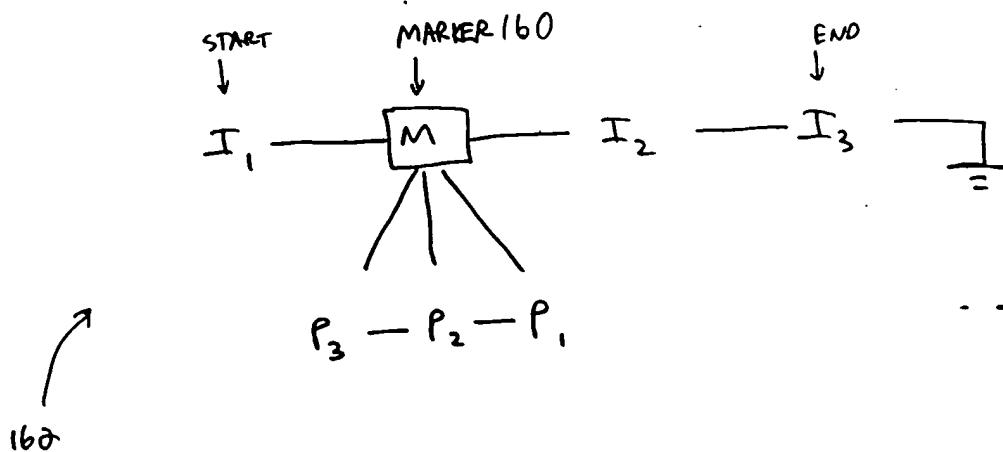


FIG. 12 A

SEND(P_1, I_2):

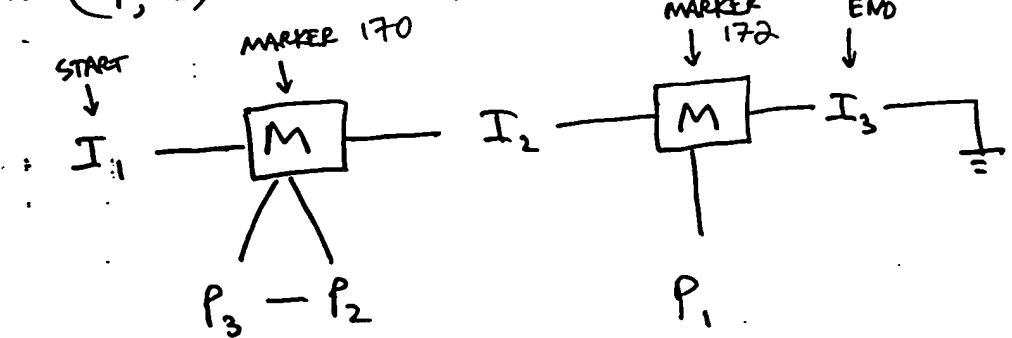


FIG. 12 B